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(19) **United States**(12) **Patent Application Publication**

Lawrence et al.

(10) **Pub. No.: US 2005/0037939 A1**(43) **Pub. Date: Feb. 17, 2005**(54) **BOTTLEWASH ADDITIVE****Related U.S. Application Data**

(75) Inventors: Michel Lawrence, Iver Grove Heights, MN (US); Gerald Wichmann, Maple Grove, MN (US)

(60) Provisional application No. 60/411,937, filed on Sep. 18, 2002.

Publication Classification

(51) Int. Cl.⁷ C11D 17/00
(52) U.S. Cl. 510/421; 510/506; 510/424

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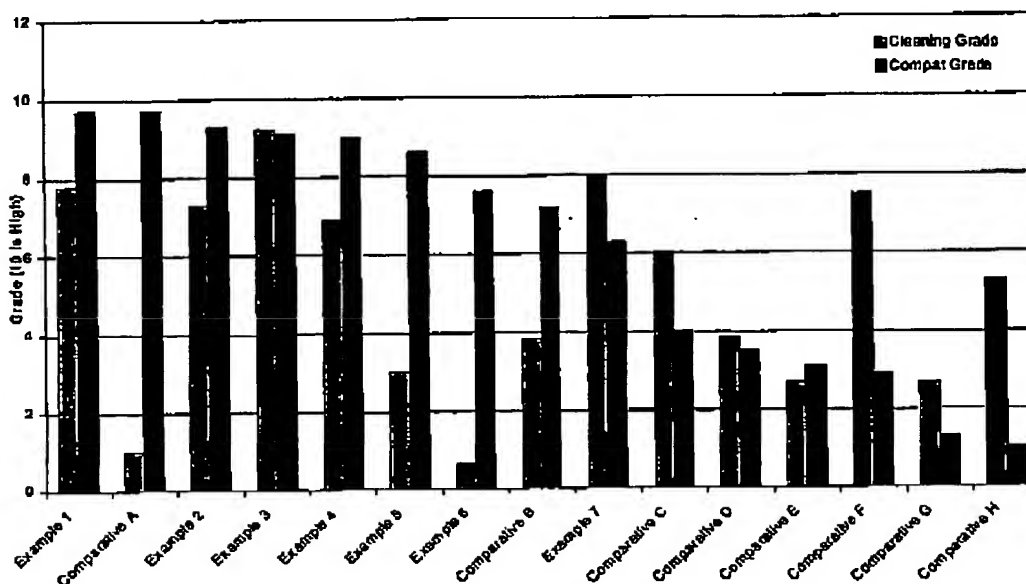
(57) **ABSTRACT**

An alkaline bottlewashing concentrate effective for removal of mold and for protecting polyethylene terephthalate containers including at least one cleaning/protecting surfactant which is a C₄ to C₂₀ alkyl diphenylene oxide disulfonate, an ethoxylated alcohol sulfonate, an alkyl polyether phosphate ester, an aryl polyether phosphate ester, an alkylaryl polyether phosphate ester, a polycarboxylated ethylene oxide condensate of a fatty alcohol, or a mixture thereof. The cleaning composition is compatible with polyethylene terephthalate.

(73) Assignee: ~~Solmed Life Systems, Inc.~~ Maple Grove, MN
Ecolab Inc.
St. Paul, MN

(21) Appl. No.: 10/664,265

(22) Filed: Sep. 17, 2003



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Lawrence et al
Application No.:	10/664265
Filed:	September 17, 2003
For:	Bottlewash Additive
Examiner:	
Group Art Unit:	1764
Firm Docket No.:	E14.2P-10817-US02

DATE: March 17, 2005 TIME: 3:25pm FACSIMILE NO.: 1-703-746-9195TOTAL NUMBER OF PAGES (including transmittal letter): 10

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Date: March 17, 2005By: 

Lisa R. Lindquist

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In re Application of:	Lawrence et al
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Respectfully submitted,

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Date: March 17, 2005By: 

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Application No.:	10/664265
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Group Art Unit:	1764

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Docket No.: E14.2P-10817-US02

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Upon reviewing the Official Filing Receipt for the above-identified application, an error was noted. A copy of the Filing Receipt is enclosed herewith showing the corrections along with a new Application Data Sheet and a photocopy of the Application Data Sheet showing the corrections made.

Applicant respectfully requests issuance of a Corrected Filing Receipt.

Respectfully submitted,

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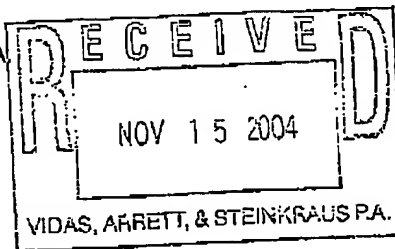
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10/664,265	09/17/2003	1764	1528	E14.2P-10817-US02	1	42	6

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Applicant(s)

Michel Lawrence, Inver Grove Heights, MN;
 Gerald Wichmann, Maple Grove, MN;

Assignment For Published Patent Application

~~Seimed Life Systems, Inc., Maple Grove, MN~~

Ecolab Inc., St. Paul, MN

Power of Attorney: The patent practitioners associated with Customer Number 490.

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/411,937 09/18/2002

Foreign Applications

If Required, Foreign Filing License Granted: 12/08/2003

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/664,265**

Projected Publication Date: 02/17/2005

Non-Publication Request: No

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Early Publication Request: No

Title

Bottlewash additive

Preliminary Class

510

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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APPLICATION DATA SHEET

Electronic Version v14

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Title of Invention	BOTTLEWASH ADDITIVE		
Application Type: regular, utility Attorney Docket Number: E14.2-10817-US02			
Correspondence address: Customer Number: 490 *490*			
Inventors Information: <u>Inventor 1:</u> Applicant Authority Type: Inventor Citizenship: US Family Name: Lawrence City of Residence: Inver Grove Heights State of Residence: MN Country of Residence: US Address-1 of Mailing Address: 8311 Claymore Court Address-2 of Mailing Address: City of Mailing Address: Inver Grove Heights State of Mailing Address: MN Postal Code of Mailing Address: 55076 Country of Mailing Address: US Phone: Fax: E-mail:			

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APPLICATION DATA SHEET

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Title of Invention	BOTTLEWASH ADDITIVE		
Application Type: regular, utility Attorney Docket Number: E14.2-10817-US02			
Correspondence address:			
Customer Number:		490	*490*
Inventors Information:			
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In re Application of:	Laboratory of	
Application No.:	10/66065	
Filed:	September 17, 2003	
For:	Biotechnology	
Examiner:		
Group Art Unit:	1754	
Work Product No.:	E14.22-10917-0001	
DATE: March 17, 2005 TIME: 3:25pm FACSIMILE NO.: 1-201-766-9106		
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Respectfully submitted,		
VIDAS, ARMITT & STERNBERG		
By: <i>[Signature]</i>		
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